

Control Cable JZ-500



Flexible • Number coded • Oil resistant • 80° C/ 500 V

CE = The product conforms to the EC Low-Voltage Directive 73/23/EEC and 93/68/EEC

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Part Number	No. Cond. x cross sec. (mm ²)	Nominal O.D. (in) (mm)	Cop. Wt. (kg/km)	Approx. Weight (kg/km) (lbs/mft)
17 AWG = 1mm²				
10074	14G1	.44 11.3	134.0	271 182
10075	16G1	.47 12.0	154.0	300 201
10076	18G1	.50 12.7	173.0	343 230
10174 OZ	18x1	.50 12.7	173.0	343 230
10197	19G1	.51 13.0	182.0	355 238
10077	20G1	.53 13.5	192.0	375 252
10184 OZ	20x1	.53 13.5	192.0	375 252
10179	21G1	.56 14.1	205.0	420 282
10175	24G1	.58 14.7	236.0	440 295
10078	25G1	.61 15.6	240.0	485 325
10176 OZ	25x1	.61 15.6	240.0	485 325
10196	26G1	.61 15.6	252.0	500 335
10198	27G1	.62 15.8	259.0	534 358
10168 OZ	30x1	.63 16.0	308.0	550 369
10079	34G1	.69 17.4	326.0	650 436
10080	36G1	.69 17.4	346.0	668 448
10199	37G1	.72 18.4	355.0	701 470
10081	40G1	.74 18.9	384.0	755 506
10167 OZ	40x1	.74 18.9	384.0	755 506
10082	41G1	.74 18.9	394.0	770 516
10083	42G1	.74 18.9	403.0	810 543
10084	50G1	.83 21.0	480.0	936 628
10085	56G1	.85 21.5	538.0	920 617
10086	61G1	.87 22.2	586.0	1100 738
10087	65G1	.90 22.8	628.0	1180 791
10088	80G1	1.00 25.4	786.0	1294 868
10089	100G1	1.11 28.2	960.0	1644 1103
16 AWG = 1.5 mm²				
10090 OZ	2x1.5	.25 6.3	29.0	70 47
10091	3G1.5	.26 6.7	43.0	90 60
10092 OZ	3x1.5	.26 6.7	43.0	90 60
10093	4G1.5	.29 7.3	58.0	109 73
10094 OZ	4x1.5	.29 7.3	58.0	109 73
10095	5G1.5	.32 8.2	72.0	131 88
10096 OZ	5x1.5	.32 8.2	72.0	131 88
10097	6G1.5	.35 8.9	86.0	157 105
10098	7G1.5	.39 9.8	101.0	184 123
10099 OZ	7x1.5	.39 9.8	101.0	184 123
10100	8G1.5	.42 10.6	115.0	216 145
10101	9G1.5	.45 11.5	129.0	259 174
10181	10G1.5	.46 11.7	144.0	275 184
10102	11G1.5	.48 12.1	158.0	300 201
10103	12G1.5	.48 12.1	173.0	309 207
10104 OZ	12x1.5	.48 12.1	173.0	309 207
10105	14G1.5	.51 12.9	202.0	345 231
10106	16G1.5	.54 13.6	230.0	386 259
10107	18G1.5	.57 14.5	259.0	440 295
10185	19G1.5	.60 15.2	279.0	445 298
10108	20G1.5	.60 15.2	288.0	490 329
10109	21G1.5	.63 16.1	302.0	555 372
10110	25G1.5	.70 17.8	360.0	620 416
10535	27G1.5	.75 19.0	389.0	670 449
10111	32G1.5	.75 19.1	461.0	790 530
10112	34G1.5	.78 19.8	490.0	830 557
10536	37G1.5	.80 20.2	533.0	892 598
10113	41G1.5	.83 21.0	576.0	996 668
10114	42G1.5	.84 21.4	605.0	1007 675
10115	50G1.5	.93 23.7	720.0	1250 838
10116	56G1.5	.98 25.0	806.0	1332 893
10117	61G1.5	1.00 25.3	878.0	1440 966
10187	65G1.5	1.02 26.0	936.0	1602 1074
10118	80G1.5	1.14 29.0	1152.0	1871 1255
10119	100G1.5	1.28 32.5	1440.0	2353 1578
14 AWG = 2.5 mm²				
10120 OZ	2x2.5	.30 7.6	48.0	112 75
10121	3G2.5	.33 8.3	72.0	148 99
10122 OZ	3x2.5	.33 8.3	72.0	148 99
10123	4G2.5	.36 9.1	96.0	178 119
10124 OZ	4x2.5	.36 9.1	96.0	178 119
10125	5G2.5	.40 10.2	120.0	221 148
10126 OZ	5x2.5	.40 10.2	120.0	221 148
10127	7G2.5	.48 12.1	168.0	306 205
10128 OZ	7x2.5	.48 12.1	168.0	306 205
10129	8G2.5	.52 13.2	192.0	363 243
10130	12G2.5	.60 15.2	288.0	498 334
10131	14G2.5	.63 16.1	336.0	569 381
10132	18G2.5	.71 18.1	432.0	764 512
10133	21G2.5	.80 20.4	504.0	914 613

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14 AWG = 2.5 mm²				
10134	25G2.5	.87 22.2	600.0	1044 700
10135	34G2.5	.99 25.1	816.0	1470 986
10136	42G2.5	1.07 27.2	1008.0	1790 1201
10137	50G2.5	1.18 30.0	1200.0	2095 1405
10138	61G2.5	1.26 32.0	1464.0	2750 1844
10139	100G2.5	1.61 41.0	2400.0	4450 2985
12 AWG = 4 mm²				
10140 OZ	2x4	.36 9.2	77.0	195 131
10141	3G4	.39 9.9	115.0	230 154
10142	4G4	.43 11.0	154.0	295 198
10143	5G4	.48 12.1	192.0	361 242
10144	7G4	.52 13.3	269.0	458 307
10145	8G4	.63 15.9	307.0	590 396
10146	12G4	.72 18.3	461.0	790 530
10 AWG = 6 mm²				
10147	3G6	.46 11.7	173.0	355 238
10148	4G6	.51 13.0	230.0	424 284
10149	5G6	.57 14.5	288.0	525 352
10150	7G6	.63 16.0	403.0	625 419
8 AWG = 10 mm²				
10151	3G10	.60 15.0	288.0	540 362
10152	4G10	.66 16.8	384.0	701 470
10153	5G10	.74 18.7	480.0	858 575
10154	7G10	.81 20.6	672.0	1106 742
6 AWG = 16 mm²				
10190	3G16	.69 17.6	461.0	827 555
10155	4G16	.78 19.7	614.0	1035 694
10156	5G16	.86 21.9	768.0	1259 844
10157	7G16	.96 24.4	1075.0	1780 1194
4 AWG = 25 mm²				
10191	3G25	.89 22.5	720.0	1186 795
10158	4G25	1.00 25.2	960.0	1582 1061
10159	5G25	1.10 27.9	1200.0	1999 1341
10160	7G25	1.22 31.0	1680.0	2825 1895
2 AWG = 35 mm²				
10192**	3G35	.99 25.2	1008.0	1585 1063
10161**	4G35	1.10 28.0	1344.0	2105 1412
10162**	5G35	1.15 29.3	1680.0	2633 1766
1 AWG = 50 mm²				
10193**	3G50	1.18 29.9	1440.0	2550 1710
10163**	4G50	1.31 33.4	1920.0	2940 1972
10188**	5G50	1.46 37.2	2400.0	3936 2640
2/0 = 70 mm²				
10194**	3G70	1.46 37.0	2016.0	3180 2133
10164**	4G70	1.62 41.2	2688.0	4090 2743
10189**	5G70	1.81 46.0	3360.0	5443 3651
3/0 = 95 mm²				
10195**	3G95	1.61 41.0	2736.0	4680 3139
10165**	4G95	1.81 46.0	3648.0	5540 3716
10333**	5G95	1.99 50.5	4560.0	6931 4649
4/0 = 120 mm²				
10166**	4G120	1.98 50.3	4608.0	7000 4695
300 MCM = 150 mm²				
13139**	4G150	2.24 57.0	5760.0	8340 5594
350 MCM = 185 mm²				
13140**	4G185	2.50 63.5	7104.0	9904 6643

Dimensions and specifications may be changed without prior notice.

NOTES:

- * Available also with red or blue conductors (Special Order)
- ** Available color coded only
- For shielded Control cable see F-CY-JZ on pages 15 & 16
- OZ = Without ground conductor
- G = Number of conductors includes ground
- x = Without green-yellow ground conductor
- Further sizes and configurations available upon request
- Call with applications which are beyond standard specifications
- AWG sizes approximate. Actual cross sections in mm². See page 96.